

Project Title	Funding	Strategic Plan Objective	Institution
Genetic basis of autism	\$4,000,000	Q3.L.B	Cold Spring Harbor Laboratory
Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$2,728,166	Q3.S.D	University of California, Los Angeles
Genetic Epidemiology of Complex Traits	\$808,519	Q3.L.B	National Institutes of Health
Autism genetics: homozygosity mapping and functional validation	\$765,736	Q3.L.B	CHILDREN'S HOSPITAL CORPORATION
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$720,372	Q3.S.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$674,849	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Population-Based Autism Genetics & Environment Study	\$655,813	Q3.L.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Sporadic Mutations and Autism Spectrum Disorders	\$647,900	Q3.S.A	University of Washington
Rapid Phenotyping for Rare Variant Discovery in Autism	\$589,746	Q3.S.A	University of California, Los Angeles
Accelerating Autism Genetics via Whole Population Ascertainment in Denmark	\$504,821	Q3.L.B	Broad Institute, Inc.
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$415,893	Q3.S.A	BROAD INSTITUTE, INC.
Pieces of the Puzzle: Uncovering the Genetics of Autism	\$374,636	Q3.L.B	Broad Institute, Inc.
Autism subtypes by gene characterization	\$368,757	Q3.S.A	University of Washington
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$353,610	Q3.L.B	Johns Hopkins University
Novel Statistical methods for DNA Sequencing Data, and applications to Autism.	\$318,575	Q3.L.B	Columbia University
1/3 - Sequencing Autism Spectrum Disorder Extended Pedigrees	\$298,000	Q3.L.B	University of Utah
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$281,679	Q3.L.B	University of Washington
Mutations in noncoding DNA and the missing heritability of autism	\$275,697	Q3.L.B	University of California, San Diego
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$263,975	Q3.S.A	University of Pittsburgh
Complex Genetic Architecture of Chromosomal Aberrations in Autism	\$248,999	Q3.L.B	Massachusetts General Hospital
2/3 Sequencing Autism Spectrum Disorder Extended Pedigrees	\$231,750	Q3.L.B	University of Washington
Non-Coding RNAs in Autism	\$205,365	Q3.Other	UNIVERSITY OF SOUTHERN CALIFORNIA
Mitochondria and the etiology of autism	\$175,000	Q3.L.B	Children's Hospital of Philadelphia
Genomic influences on development and outcomes in infants at risk for autism	\$171,665	Q3.L.B	University of Alberta
3/3-Sequencing Autism Spectrum Disorder Extended Pedigrees	\$160,000	Q3.L.B	UNIVERSITY OF PENNSYLVANIA

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Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$148,802	Q3.S.A	University of Alberta
Investigating the role of somatic mutations in autism spectrum disorders	\$139,366	Q3.L.B	Oregon Health & Science University
Whole-exome sequencing to identify causative genes for autism	\$134,203	Q3.L.B	Rockefeller University
Autism Spectrum Disorders: Genomes to Outcomes	\$133,500	Q3.L.B	The Hospital for Sick Children
Identification and analysis of functional networks perturbed in autism	\$125,000	Q3.L.B	Columbia University
Genome-wide analysis of cis-regulatory elements in autism	\$125,000	Q3.L.B	Washington University in St. Louis
Computational tools to analyze SNP data from patients with mental illness	\$120,877	Q3.L.B	PARTEK, INC.
Elucidating pathogenic mutations disrupting RNA regulation in autism	\$112,500	Q3.L.B	Columbia University
Genome Sequencing pilot of Simons Simplex Collection	\$100,643	Q3.L.B	University of Washington
Cryptic chromosomal aberrations contributing to autism	\$65,125	Q3.L.B	Massachusetts General Hospital
Dosage effects of DUF1220 gene subtype CON1 in autism	\$62,500	Q3.L.B	University of Colorado, Denver
Dosage effects of 22q11 region on autism-relevant neural systems	\$60,000	Q3.S.A	University of California, Los Angeles
Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$57,900	Q3.Other	Children's Hospital Los Angeles
Genomic profiling of autism families using whole-genome sequencing	\$45,280	Q3.L.B	Institut Pasteur
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$45,000	Q3.S.A	Center for Autism and Related Disorders (CARD)
The genetic basis underlying the phenotype heterogeneity of the 16p11.2 CNV	\$37,550	Q3.S.A	University of Washington
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$29,995	Q3.L.B	Massachusetts General Hospital
Role of the Intestinal Microbiome in Children with Autism	\$29,000	Q3.S.I	Massachusetts General Hospital
Simons Simplex Collection support grant	\$13,200	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Washington
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Vanderbilt University
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Missouri

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Simons Simplex Collection support grant	\$10,000	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$4,134	Q3.L.B	University of Illinois at Chicago
Whole exome sequencing of Simons Simplex Collection quads	\$0	Q3.L.B	University of Washington
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Simons Simplex Collection support grant	\$0	Q3.L.B	Boston Children's Hospital
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$0	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$0	Q3.L.B	Columbia University
Simons Simplex Collection support grant	\$0	Q3.L.B	Emory University
Identifying genetic variants on the Y chromosome of males with autism	\$0	Q3.L.B	The Hospital for Sick Children
Identification of functional networks perturbed in autism	\$0	Q3.L.B	Columbia University
Illumina, Inc.	\$0	Q3.L.B	Illumina, Inc.
High-throughput Screening of Novel Trinucleotide Repeat Expansion in Autism Spectrum Disorders	\$0	Q3.L.B	The Hospital for Sick Children
Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$0	Q3.L.B	Pennsylvania State University

